

Serial No. 09/977,330  
Amendment dated April 23, 2004  
In Reply of Office Action dated October 23, 2003

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1(currently amended). A method of making a new dental prosthetic from an existing dental prosthetic, comprising the steps of:

- a) providing an existing dental prosthetic;
- b) providing a mold having a bottom half and a top half, the bottom half including a side wall, a closed bottom and an open top face for mating with the top half, the top half including a further side wall, a partially open bottom face for mating with the open top face of the bottom half, and a partially open ~~opened~~ top;
- c) partially filling the bottom half of the mold with a first molding material;
- d) placing a first portion of the existing denture in the first molding ~~molded~~ material disposed in the bottom half;
- e) placing the top half of the mold on the bottom half of the mold; and
- f) providing a second material; and

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g) covering a portion of the first material and a further portion of the existing denture with the second material.

2 (currently amended). A method as in claim 1, wherein:

a) the step of providing the second material includes adding the second material through the partially open top and through the partially open bottom face of the top half.

3 (currently amended). A method as in claim 1, wherein:

a) the first material includes an alginate alignate.

4 (original). A method as in claim 1, wherein:

a) the second material includes a dental stone.

5 (original). A method as in claim 1, wherein:

a) the first portion of the existing dental prosthetic includes a tooth.

6 (original). A method as in claim 1, wherein:

a) the second portion of the existing dental prosthetic includes a portion of a jaw side of a dental prosthetic.

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7(original). A method as in claim 1, wherein:

a) a locking device is provided for attaching the top half of the mold to the bottom half.

8(original). A method as in claim 7, wherein:

a) a locking device detachably attaches the top half to the bottom half.

9(original). A method as in claim 7, wherein:

a) the locking device permanently attaches the top half to the bottom half.

10(original). A method as in claim 1, further comprising the steps of:

a) allowing the first and second material to harden;  
b) removing the dental prosthetic from the first and second material;

c) using the hardened first and second materials to form a negative of the existing dental prosthetic; and

d) using the negative of the existing dental prosthetic to make a positive of a new dental prosthetic.

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11(original). A method as in claim 10, further comprising the step of:

a) making corrections to the existing dental prosthetic prior to making the negative.

12-21(cancelled).

22(new). A method of making a new dental prosthetic from an existing dental prosthetic, comprising the steps of:

- a) providing an existing dental prosthetic;
- b) providing a mold having a bottom half and a top half, the bottom half including a tapered side wall, a closed bottom and an open top face for mating with the top half, the top half including a further tapered side wall, a partially open bottom face for mating with the open top face of the bottom half, and a partially open top;
- c) partially filling the bottom half of the mold with a first molding material;
- d) placing a first portion of the existing denture in the first molding material disposed in the bottom half;
- e) placing the top half of the mold on the bottom half of the mold; and
- f) providing a second material; and

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g) covering a portion of the first material and a further portion of the existing denture with the second material.

23(new). A method as in claim 22, wherein:

a) the step of providing the second material includes adding the second material through the partially open top and through the partially open bottom face of the top half.

24(new). A method as in claim 22, wherein:

a) the first material includes an alginate.

25(new). A method as in claim 22, wherein:

a) the second material includes a dental stone.

26(new). A method as in claim 22, wherein:

a) the first portion of the existing dental prosthetic includes a tooth.

27(new). A method as in claim 22, wherein:

a) the second portion of the existing dental prosthetic includes a portion of a jaw side of a dental prosthetic.

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28(new).           A method as in claim 22, wherein:

a)   a locking device is provided for attaching the top half of the mold to the bottom half.

29(new).           A method as in claim 22, wherein:

a)   a locking device detachably attaches the top half to the bottom half.

30(new).           A method as in claim 22, further comprising the steps of:

a)   allowing the first and second material to harden;  
b)   removing the dental prosthetic from the first and second material;  
c)   using the hardened first and second materials to form a negative of the existing dental prosthetic; and  
d)   using the negative of the existing dental prosthetic to make a positive of a new dental prosthetic.

31(new).           A method as in claim 22, further comprising the step of:

a)   making corrections to the existing dental prosthetic prior to making the negative.